

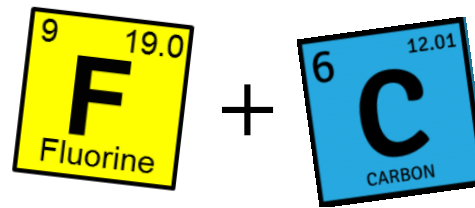


PFAS UPDATE

PER- & POLY-FLUOROALKYL SUBSTANCES

PFAS - INTRO

□ PFAS: Per- and Polyfluoroalkyl Substances



□ Synthetic – Manufactured for Commercial Use

- Non-Stick
- Stain Repellent
- Water Repellent
- Heat Resistant



PFAS – FEDERAL

- Federal Facilities (Military Sites)
 - ▣ Initiating investigation
 - ▣ Difficulty with response action - no \$\$ in budget
- Region V States Promulgating Standards
 - ▣ MN has standard – Higher than EPA HAL so under reassessment now for reduction to HAL level
 - ▣ IL promulgating standard now – 70 ppt for DW and GW
 - ▣ MI has fish advisory level = basis for surface water action levels, then groundwater action levels
- ASTSWMO Work Group

PFAS IN WISCONSIN

- UCMR: Public Drinking Water
 - ▣ Detections: LaCrosse, West Bend, and Rhinelander
 - ▣ All < 70 ppt (EPA Health Advisory Level)
- DNR Statewide Work Group: R&R Program
 - ▣ Staff from Regions
 - Information sharing
 - Consistency
 - ▣ Fire Training Areas
 - DOD – General Mitchell
 - DOD – Fort McCoy
 - Ansul-Tyco (Marinette)
 - Tomahawk Forestry





VAPOR INTRUSION UPDATES

PREEMPTIVE MITIGATION

Definition: Mitigation installed prior to vapor sampling

- Existing Building – Not Allowed
 - ▣ Cannot mitigate in lieu of vapor sampling
 - ▣ May be allowed if off-site property owner refuses sampling
- New Building – GREAT, but...
 - ▣ Sample sub-slab vapor after construction and prior to mitigation

GOOD NEWS!
If sub-slab vapor < VRSLs, then
mitigation and long-term OM&M not required

VAPOR INTRUSION PREVENTION

GOAL: Prevent exposure to chemicals via vapor intrusion

□ Best Management Practices

- ▣ Identify high risk areas
- ▣ Risk communication
- ▣ Ordinances, permits, licensing

□ Help Wanted....

- ▣ Ad hoc group?
- ▣ Draft model permits and ordinances

This is for areas that are not part of a site undergoing NR 700 investigation and cleanup